

Amendment 338 Contract No. 229944

To the Contract for the Design, Implementation, Operation and Maintenance of the Regional Fare Coordination System

This Amendment 338 to the Contract for the Design, Implementation, Operation and Maintenance of the Regional Fare Coordination System is entered into this 28th day of MAY, 2015, by and between Vix Technology (USA) Inc (formerly known as ERG Transit Systems (USA) Inc), a California corporation and wholly owned subsidiary of Vix Mobility Pty Ltd, an Australian corporation, (hereinafter referred to as the "Contractor") and each of the following seven public transportation agencies (hereinafter referred to individually as an "Agency" or collectively as the "Agencies"):

1. Central Puget Sound Regional Transit Authority ("Sound Transit")
2. King County ("King County")
3. Kitsap County Public Transportation Benefit Area ("Kitsap Transit")
4. Pierce County Public Transportation Benefit Area ("Pierce Transit")
5. Snohomish County Public Transportation Benefit Area ("Community Transit")
6. City of Everett ("Everett")
7. State of Washington, acting through the Washington State Department of Transportation, Washington State Ferries Division ("WSF")

Recitals

- A. Effective April 29, 2003, each of the Agencies and the Contractor entered into Contract #229944 ("Contract") to implement a Regional Fare Coordination System ("RFC System") to establish a common fare system utilizing smart card technology. The Contractor is responsible for the development, implementation, operation and maintenance of the RFC System as specified in the Contract.
- B. The Agencies and the Contractor desire to amend Section VI of Exhibit 9, Price Schedule Special Programs, to compensate the Contractor for the work necessary to allow the ORCA system to accept non-scheduled trips in an existing revenue block or a non-scheduled block. This work is performed per PA ROF *KCM Supplemental Service Handling* (Amendment 268 and RFI 695 ORCA) v6.0 as approved by the Agencies on May 11, 2015.
- C. The Parties agree that the Work necessary to modify the ORCA system as directed will be performed and compensated as described below.

Agreement

Section 1.0 Description of Work

The Contractor will perform all necessary work to design, develop, test and implement the new functionality which will provide the ability for the King County Metro (KCM) On Board Equipment (OBE) to accept non-scheduled trips to be added to an existing revenue block or a non-scheduled block.

The Agencies and the Contractor acknowledge the following dependencies and agree that they are to be provided before the commencement of development:

- (a) Vix APAC (Asia Pacific) and INIT to repair/replace the Vix APAC co-pilot
- (b) Vix Seattle to provide Vix APAC Production or RTB generated CD for the KCM OBFTP and DDU
- (c) INIT to provide Vix APAC the matching co-pilot version and dataset

The following solutions only apply to the KCM Fully Integrated Mode (FIM) OBE. The Contractor will:

- 1.1 When within a route/run, the trip validation functionality will be updated to search all routes available in CD (Configuration Data) for that source participant for the entered trip ID if that trip ID cannot be found within the current route.
- 1.2 For supplemental trips, introduce validation to verify that the trip is available within any valid run.
- 1.3 Once a supplemental trip has been successfully validated, that trip will be added to the trip list for that route/run.
- 1.4 If a trip cannot be found or is not valid, the device will revert to existing missing trip behaviour.
- 1.5 All relevant trip functionality will be associated to the added trip including but not limited to fare table options, transfers, distance code, peak/off-peak fare table, and direction.
- 1.6 The route/run displayed to the operator on the Driver Display Unit (DDU) will remain the original as-logged-on route/run.
- 1.7 The DDU will display the route number and “to” designation associated with the supplemental trip.
- 1.8 Supplemental trips will only apply to the as-logged-on route/run until the operator selects a different route/run.
- 1.9 Supplemental trips added will not apply or be available should the operator switch to a different route/run block or if the operator logs off.
- 1.10 More than one supplemental trip can be added to the current route/run block.

1.11 Supplemental trips will be included in existing reports based on the current route/run.

1.12 Vix APAC will benchmark the time to perform a supplemental trip insert for the scenarios where a trip is found and not found (using the provided KCM import set). This will be performed during the Vix APAC testing and the results will be provided to Vix Seattle and KCM.

1.13 The Contractor will provide the following deliverable:

- (a) A Report of Findings on the Vix APAC transaction time tests performed per requirement 1.12

1.14 The Contractor will update system documentation which has been identified as:

- (a) SEA-01048 Driver Display Unit (DR 103B) – Functional Specification

Section 2.0 Schedule

2.1 The Work described in Section 1.0 will be completed with Maintenance Release 30.

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the sufficiency of which is hereby acknowledged, the Parties hereby agree to amend the Contract as follows:

Section 3.0 Compensation Changes

Section VI (Implementation) of Exhibit 9, Price Schedule, is hereby amended to read as follows:

VI. IMPLEMENTATION

SPECIAL PROGRAMS

LUMP SUM COST

Amendment No. 338

The Contractor will perform the work necessary to allow the ORCA system to accept non-scheduled trips in an existing revenue block or a non-scheduled block.	\$32,201
TOTAL	

Section 4.0 Other Terms and Conditions

All other provisions of the Contract not referenced in this Amendment Three Hundred and Thirty-eight shall remain in effect.

IN WITNESS WHEREOF, authorized representative of the Agencies and the Contractor have signed their names in the spaces provided below.

Vix Technology (USA) Inc.

By: John Th
Its: General Manager
Date: 5/27/15

The Agencies

By: Chris Hark
Their: Office Operations Manager
On behalf of the Agencies
Date: 5/28/15